Voltage Controlled Oscillator ROS-3360R+

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)
		-55ºC	+25ºC	+85ºC	-55ºC	+25ºC	+85ºC	F2	F3	F4	
0.0	166.2	1958.5	1925.7	1899.2	10.1	9.9	9.5	-12.8	-14.5	-29.1	1.7
0.5	137.2	2035.4	2008.8	1988.4	10.3	10.0	9.4	-15.0	-17.2	-34.0	1.5
1.0	126.1	2102.1	2077.4	2059.5	10.4	9.7	9.3	-14.7	-19.8	-37.4	1.4
1.5	120.9	2162.2	2140.4	2123.7	10.3	9.8	9.4	-19.9	-22.4	-53.4	1.4
2.0	114.5	2223.1	2200.9	2184.6	10.3	9.7	9.3	-22.2	-25.5	-42.6	1.5
2.5	111.6	2279.0	2258.1	2242.8	10.2	9.8	9.3	-24.9	-24.7	-42.6	1.4
3.0	108.0	2334.2	2313.9	2297.7	10.4	9.6	9.0	-27.3	-28.6	-36.7	1.5
3.5	109.7	2387.4	2367.9	2352.9	10.2	9.7	9.2	-28.5	-26.9	-41.1	1.6
4.0	107.2	2441.3	2422.8	2407.4	10.3	9.6	8.9	-28.6	-28.6	-48.8	1.6
4.5	102.1	2494.1	2476.4	2461.6	10.3	9.6	9.0	-26.4	-28.5	-43.9	1.7
5.0	98.1	2544.5	2527.4	2515.2	10.3	9.7	9.2	-21.0	-25.6	-45.1	1.3
5.5	107.1	2592.7	2576.4	2566.9	10.5	9.8	9.2	-21.2	-27.1	-49.7	1.1
6.0	105.7	2649.4	2630.0	2617.5	10.0	9.5	9.1	-18.9	-31.1	-50.2	1.5
6.5	107.4	2701.6	2682.9	2670.7	10.1	9.7	9.0	-20.1	-29.0	-53.8	1.1
7.0	103.3	2758.8	2739.6	2726.1	9.9	9.2	8.8	-20.3	-36.3	-48.0	1.7
7.5	102.3	2807.2	2788.2	2774.8	9.9	9.4	8.9	-20.4	-36.9	-48.7	1.7
8.0	103.6	2858.8	2839.4	2826.3	9.8	9.3	8.7	-18.3	-35.3	-50.0	1.7
8.5	98.2	2909.6	2891.1	2877.6	9.8	9.1	8.5	-17.1	-34.2	-47.4	1.6
9.0	105.9	2961.4	2940.3	2927.5	9.5	9.2	8.7	-17.3	-36.7	-49.1	1.7
9.5	95.7	3010.8	2993.2	2980.1	9.7	8.9	8.3	-16.8	-31.7	-47.1	1.6
10.0	104.8	3064.7	3041.0	3027.6	9.2	9.0	8.7	-17.1	-33.1	-48.7	1.7
10.5	97.0	3112.6	3093.4	3080.9	9.5	8.8	8.0	-15.7	-37.0	-49.0	1.3
11.0	99.6	3163.7	3142.0	3128.3	9.1	8.7	8.3	-15.6	-37.1	-50.1	1.3
11.5	95.0	3211.9	3191.7	3179.0	9.0	8.5	7.9	-15.4	-41.8	-48.3	1.0
12.0	96.7	3260.8	3239.3	3226.5	8.8	8.4	7.8	-15.2	-41.7	-47.1	0.8
12.5	85.7	3308.3	3287.6	3273.0	8.5	8.1	7.7	-15.7	-42.4	-47.3	0.6
13.0	82.6	3351.4	3330.5	3317.8	8.6	8.1	7.4	-15.7	-40.8	-46.5	0.3
13.5	76.9	3395.6	3371.8	3357.2	8.1	7.9	7.5	-16.0	-42.3	-46.6	0.2
14.0	60.5	3430.5	3410.3	3397.3	8.2	7.6	7.1	-15.2	-44.1	-46.2	0.1
14.5	61.4	3463.9	3440.5	3428.8	8.1	7.8	7.2	-15.2	-41.3	-48.0	0.1
15.0	54.9	3494.5	3471.2	3457.4	7.9	7.6	7.2	-15.1	-42.3	-49.4	0.4
15.5	45.3	3519.6	3498.7	3484.7	7.9	7.4	7.1	-15.4	-56.0	-52.3	0.5
16.0	39.0	3542.0	3521.3	3508.0	7.9	7.3	6.9	-15.4	-56.8	-54.7	0.6
16.5	35.5	3563.7	3540.8	3527.9	7.8	7.3	6.9	-16.6	-40.1	-52.2	0.9
17.0	34.9	3582.3	3558.5	3545.5	7.7	7.4	6.9	-17.1	-39.2	-54.8	1.1
17.5	31.6	3600.1	3576.0	3562.0	7.6	7.3	6.9	-18.3	-40.2	-56.5	1.2
18.0	30.5	3614.4	3591.8	3578.0	7.6	7.2	6.8	-16.1	-44.2	-55.9	1.3
18.5	24.5	3628.1	3607.0	3592.4	7.5	7.1	6.7	-16.0	-38.6	-56.3	1.4
19.5	21.5	3651.7	3631.5	3618.4	7.5	7.0	6.7	-18.8	-36.1	-56.5	1.5
20.0	21.5	3664.2	3642.2	3629.6	7.5	7.0	6.6	-19.1	-43.2	-56.4	1.4

FREQ OFFSET (kHz)	PHASE NOISE (dBc/Hz)
1	-64
10	-93
100	-116
1000	-136